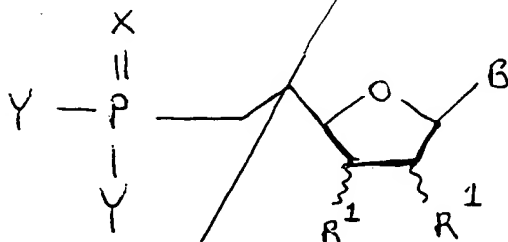


Amend the claims as follows.

7. (Amended) A compound of formula (II):



A1

and stereoisomers thereof, wherein:

B is a purine or pyrimidine base [or modified form];

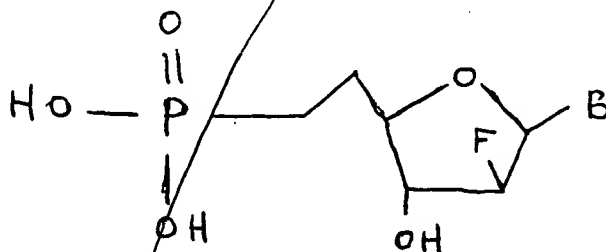
each R¹ is independently hydrogen, hydroxyl, fluorine or methyl ester;

each Y is independently OR², N(R²)₂, or SR² wherein each R² is independently hydrogen or alkyl (1-12C); and

X is selected from oxygen or sulfur;

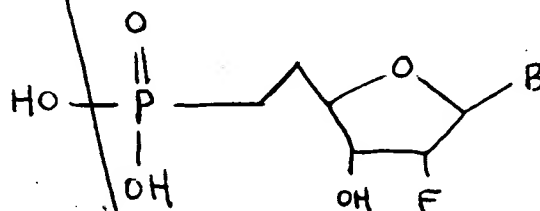
with the proviso that when X is oxygen and each Y is OH, R¹ at the 3'-position is hydroxyl and R¹ at the 2'-position is hydrogen or hydroxyl, then B is not guanine, thymine, cytosine, uracil or adenine and when R¹ at the 2'-position is hydrogen, then B is not 5-fluorouracil.

10. (Amended) The compound of claim 7 having the formula (V):



[wherein B is guanine].

14. (Amended) The compound of claim 7 having formula (VI):

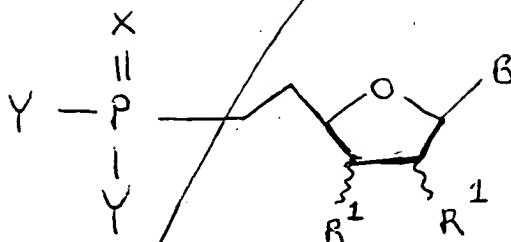


[wherein B is guanine].

20. (Amended) A pharmaceutical composition useful for treatment of a viral infection or malignant condition which comprises [en] an effective amount of a compound of [claim 7] formula (II)

a4

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A4
and stereoisomers thereof, wherein:

B is a purine or pyrimidine base;

each R¹ is independently hydrogen, hydroxyl, fluorine or methyl ester;

each Y is independently OR², N(R²), or SR² wherein each R² is independently hydrogen or alkyl (1-12C); and

X is oxygen or sulfur

in combination with a pharmaceutically acceptable carrier.

Add the following claims:

--27. The compound of claim 10 wherein B is guanine.

28. The compound of claim 14 wherein B is guanine.

A5
29. The compound of claim 7 wherein B is guanine, cytosine, thymine, N²-isobutyryl guanine, N⁴-benzoylcytosine, N⁶-benzoyladenine or N³-benzylthymine.

30. The compound of claim 8 wherein B is adenine, guanine, cytosine, thymine, uracil, iodouracil, 8-hydroxy-N⁶-methyladenine, aziridinylcytosine, 2-aminopurine or 2,6-diaminopurine.

31. The compound of claim 9 wherein B is adenine, guanine, cytosine, thymine, uracil, iodouracil, 8-hydroxy-

~~N⁶-methyladenine, aziridinyldcytosine, 2-aminopurine or 2,6-diaminopurine.~~

Sub
C-22 32. The compound of claim 10 wherein B is adenine, guanine, cytosine, thymine, uracil, iodouracil, 8-hydroxy-N⁶-methyladenine, aziridinyldcytosine, 2-aminopurine or 2,6-diaminopurine.

33. The compound of claim 10 wherein B is guanine, cytosine, thymine, N²-isobutyrylguanine, N⁴-benzoyldcytosine, N⁶-benzoyladenine or N³-benzylthymine.

95 34. The compound of claim 14 wherein B is adenine, guanine, cytosine, thymine, uracil, iodouracil, 8-hydroxy-N⁶-methyladenine, aziridinyldcytosine, 2-aminopurine or 2,6-diaminopurine.

35. A pharmaceutical composition useful for treatment of a viral infection or malignant condition which comprises an effective amount of a compound of formula (II) of claim 29 in combination with a pharmaceutically acceptable carrier.

36. The composition of claim 35 wherein in the compound of formula II, each Y is hydroxyl, and one of R¹ is hydrogen or 2'-fluoro and the other is 3'-hydroxy and X is oxygen.

37. The composition of claim 36 wherein B is adenine, guanine, cytosine, thymine, N²-isobutyrylguanine, N⁴-benzoyldcytosine, or N⁶-benzoyladenine.

38. A compound of formula (II):



and stereoisomers thereof, wherein:

B is a purine or pyrimidine base;

each R^1 is independently hydrogen, hydroxyl, fluorine or methyl ester;

AS each Y is independently OR^2 , $N(R^2)_2$, or SR^2 wherein each R^2 is independently hydrogen or alkyl (1-12C); and

X is sulfur.

39. A compound of formula (II):



and stereoisomers thereof, wherein:

B is a purine or pyrimidine base;

each R^1 is independently hydrogen, hydroxyl, fluorine or methyl ester;

each Y is OR^2 wherein each R^2 is independently alkyl (1-12C); and

X is selected from oxygen or sulfur.

Sub B6
40. A compound of formula (II):



A5
and stereoisomers thereof, wherein:

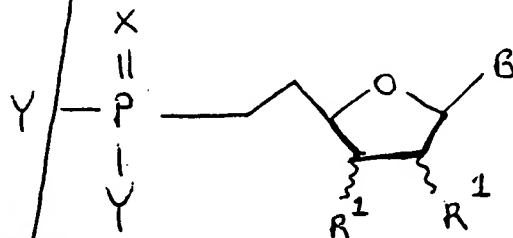
B is a purine or pyrimidine base;

each R^1 at the 3'-position is hydroxyl and at the 2'-position is fluorine or methyl ester;

each Y is independently OR^2 , $N(R^2)_2$, or SR^2 wherein each R^2 is independently hydrogen or alkyl (1-12C); and

X is selected from oxygen or sulfur.

Incomplete
41. A compound of formula (II):



and stereoisomers thereof, wherein:

B is iodouracil, 8-hydroxy-N⁶-methylladenine, aziridinylicytosine, 2-aminopurine or 2,6-diaminopurine; each R¹ at the 3'-position is hydroxyl and at the 2'-position is hydrogen or hydroxyl; each Y is independently OR², N(R²)₂, or SR² wherein each R² is independently hydrogen; and X is selected from oxygen or sulfur.

42. A compound of formula (II):



and stereoisomers thereof, wherein:

B is N²-isobutyrylguanine, N⁴-benzoylcytosine, N⁶-benzoyladenine or N³-benzylthymine;

each R¹ at the 3'-position is hydroxyl and at the 2'-position is hydrogen or hydroxyl;

each Y is independently OR², N(R²)₂, or SR² wherein each R² is independently hydrogen or alkyl (1-12C); and

X is selected from oxygen or sulfur.--

In the Specification:

Page 6, line 2, after "aziridinylicytosine", insert
--.--.

REMARKS

Reconsideration and allowance are respectfully requested.